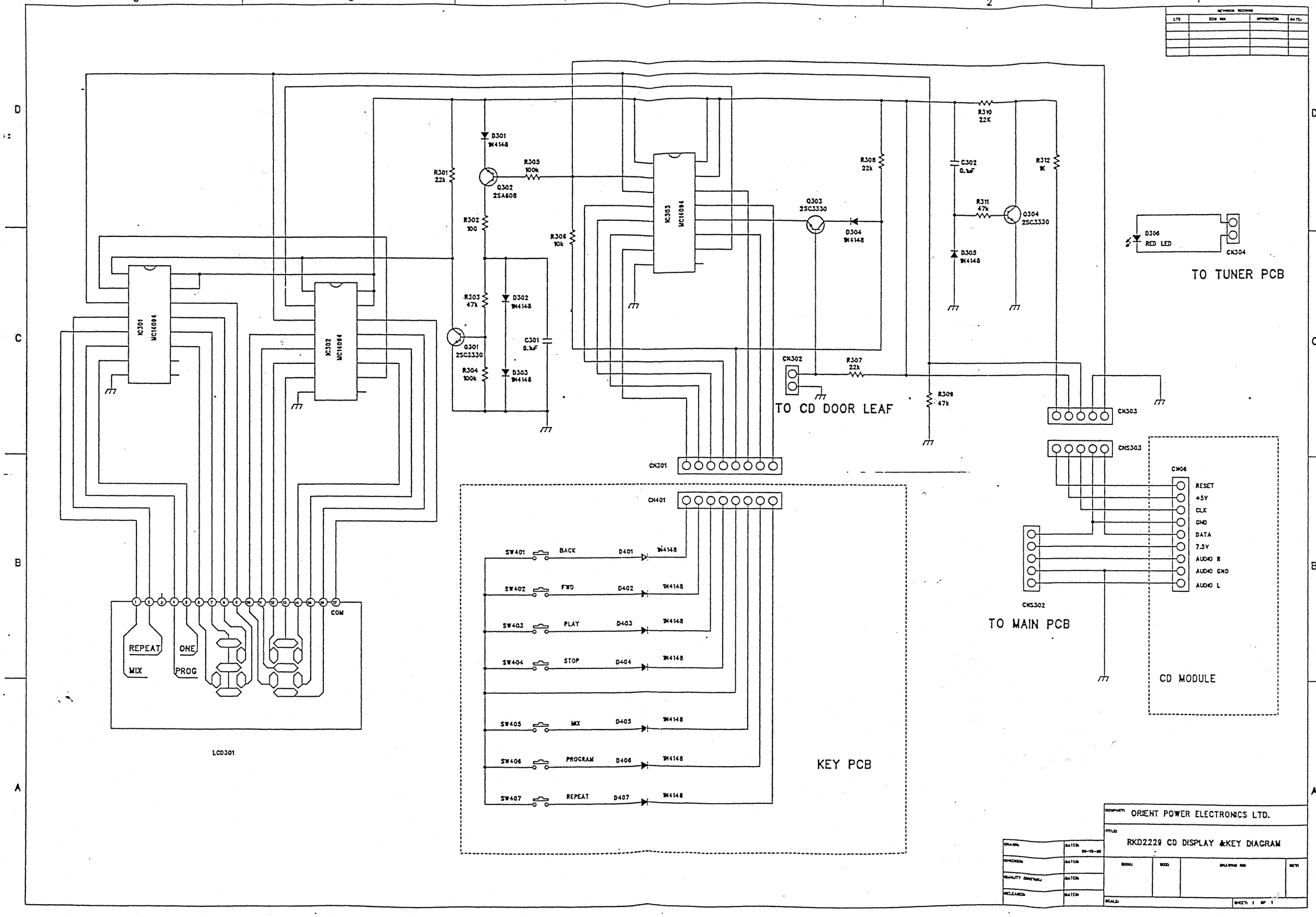
THOMSON TM-9400

MODEL

SERVICE MANUAL



LTR	ECR NO	APPROVER	DATE

COMPANY: ORIENT POWER ELECTRONICS LTD.

TITLE: RKD2229 CD DISPLAY &KEY DIAGRAM

DRAWN	DATE: 05-12-26
CHECKED	DATE
QUALITY CONTROL	DATE
RELEASED	DATE

SIZE | DRAWING NO | REV

SCALE | SHEET 1 OF 1

REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

P13/14

SW101A SW101B SW101C SW101D
TC101 20P C102 7P R101 3M3 L101 LW ANT
TC102 30P L107 LW OSC
C111 82P
L102 MW ANT
VC-A VCT4 VC-B VCT3 C110 7P
L108 MW OSC
C113 VCT2 VC-C L106 27P VC-D
L104 3T5/4.5MM C108 22P
R108 33
C115 3P VCT1
R107 33
R103 1K
C119 0.1u C120 1u C121 0.1u
R109 3K3
C117 330P C118 1u
C122 822(M) C123 822(M)
C124 0.1u C128 220u
C132 0.1U C133 0.1U
R115 180/0.25W
C125 1u R110 12K
C126 1u R111 12K
C129 272(M) R112 20K
C130 272(M) R113 20K
B+ L-CH GND R-CH
CN101 TO MAIN PCB

IC101 TA2111F

24	23	22	21	20	19	18	17	16	15	14	13
AMRF IN	FMRF OUT	RFVCC	FMOSC	AMOSC	AFC	DETOUT	MPXIN	LPF2	LPF1	LOUT	ROUT

1	2	3	4	5	6	7	8	9	10	11	12
FMRF IN	RFGND	AMLOW CUT	MIXOUT	AGC	VCC	AMIFIN	FMIFIN	GND	TUNLED	STLED	QUAD

FM ANT.
C103 0.1u C104 100u C105 0.1u
C106 33P C109 33P
C112 0.47u
C114 4.7u C116 0.1u
R114 560
CN102
D101 1N4148 D102 1N4148 C107 30P L105 3T5/4.5MM
CF101 10.7MHz R104 330 T101 CF102 465KHz
CF103 10.7MHz
C127 10u C131 0.1U
TO DISPLAY PCB (ST.LED.)
L103 10UH

DRAWN: LIANG FEI YUN	DATED: 99-01-05
CHECKED:	DATED:
QUALITY CONTROL:	DATED:
RELEASED:	DATED:

COMPANY: ORIENT POWER ELECTRONICS LTD.

TITLE: RKD2229 LW/MW/FM TUNER DIAGRAM

CODE:	SIZE:	DRAWING NO:	REV:

SCALE: SHEET: OF

6 5 4

TO DISPLAY PCB

FORM TUNER PCB

L-CH
A.GND
R-CH
B+
GND

R/P HEAD L
R/P HEAD R
ERASE HEAD

IC201 AN7312

PLAY
REC SW
MOTOR

3 2 1

D C B A

J801
THERMAL FUSE
98°C 250V

IC801
LA4227

IC701
BA5417

SUB-WOOFER SW. PCB

POWER PCB

F901
FUSE
T2.5A 250V

AC SOCKET
AC 230V
50 Hz

COMPANY:	ORIENT POWER ELECTRONICS LTD.
TITLE:	RKD2229 MAIN PCB DIAGRAM
DRAWN: LIANG FEI YUN	DATED: 98-12-26
CHECKED:	DATED: